AIM Infotech

Toyota Lexus 2nd generation
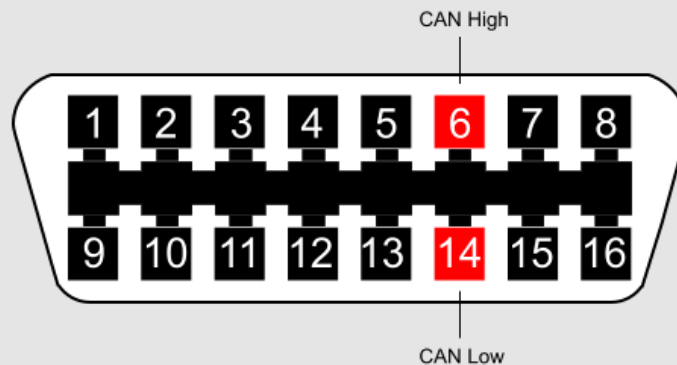## IS 250, IS 350, IS-F, IS 220

Release 1.01

AiM

This tutorial explains how to connect Toyota Lexus 2nd generation to AIM loggers. Car models supported are as follows:

- IS 250;
- IS 350;
- IS-F;
- IS 220.

1
Wiring connection

Toyota Lexus 2nd generation is equipped with an OBDII connector placed under the steering wheel. The ECU communicates using the CAN Bus on the OBDII connector. Connector pinout as well as connection table are shown here below

OBDII connector pin	Pin function	AIM cable
6	CAN High	CAN+
14	CAN Low	CAN-

2
AIM Logger configuration

Once the ECU connected to the logger, this one is to be configured as connected to that ECU.

Run Race Studio 2 software and follow this path:
- Device Configuration –> Select the device you are using;
- select the configuration or press "New" to create a new one;
- select ECU manufacturer "Toyota" and ECU Model "LEXUS";
- transmit the configuration to the device pressing "Transmit".

3
Available channels

Channels received by AIM loggers connected to Toyota Lexus 2nd generation are:

ID	CHANNEL NAME	FUNCTION
ECU_1	RPM	RPM
ECU_2	PPS	Pedal Position sensor
ECU_3	BRAKE_PRESS	Brake pressure
ECU_4	VEH_SPEED	Vehicle speed
ECU_5	STEERING_ANGLE	Steering angle
ECU_6	BRAKE_PRESS2	Brake pressure 2